



REAGENT-LESS WHOLE-BLOOD GLUCOSE METER

Bernhard B. Sterling et al.

Appl. No.: 10/055,875 Atty. Docket: OPTIS.039A

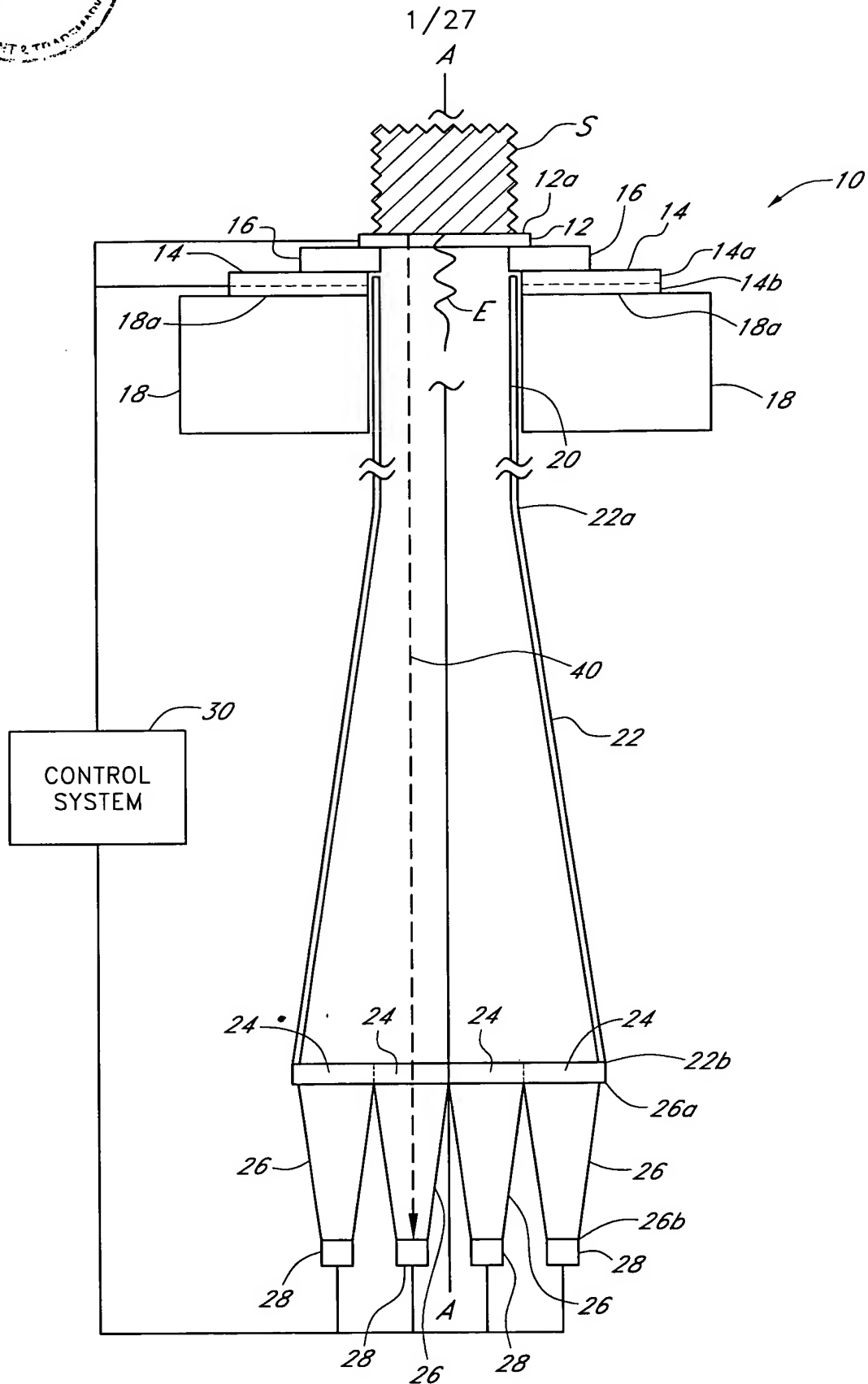
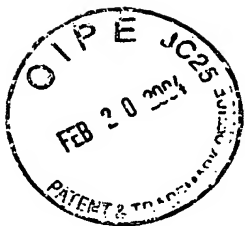


FIG. 1



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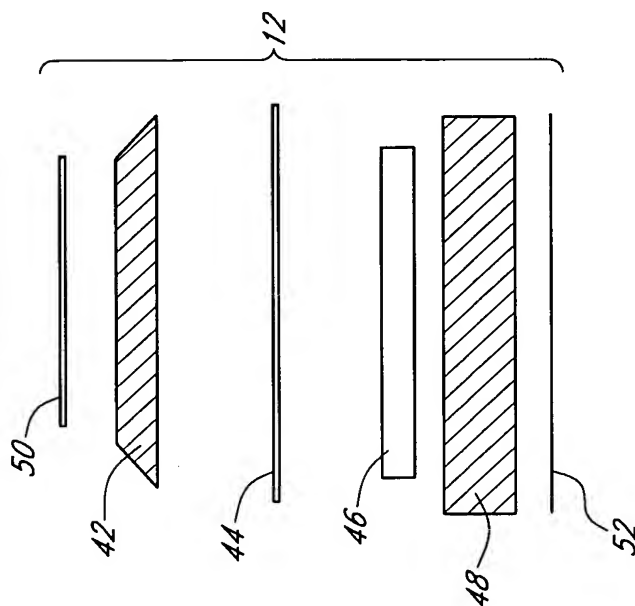


FIG. 3

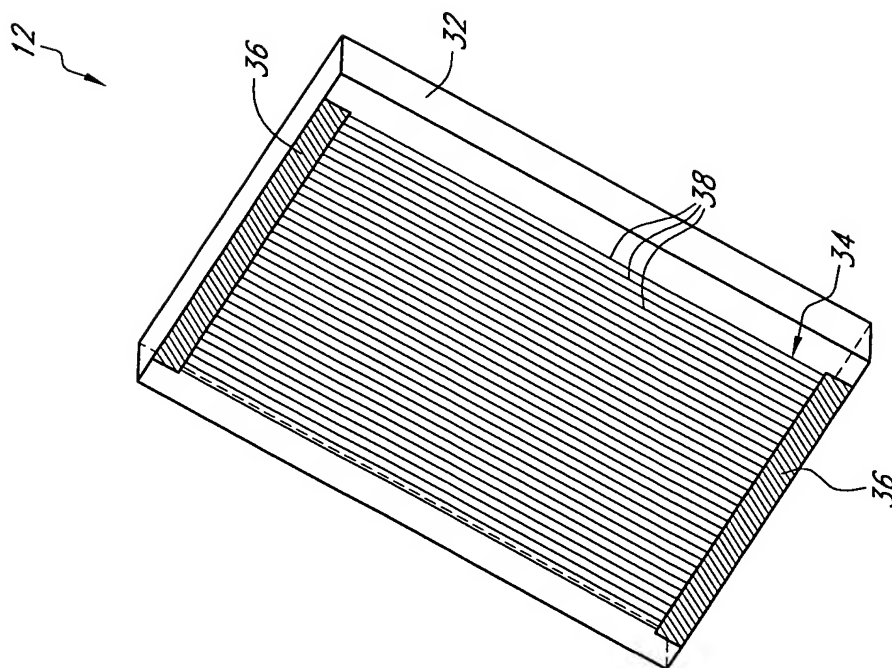


FIG. 2



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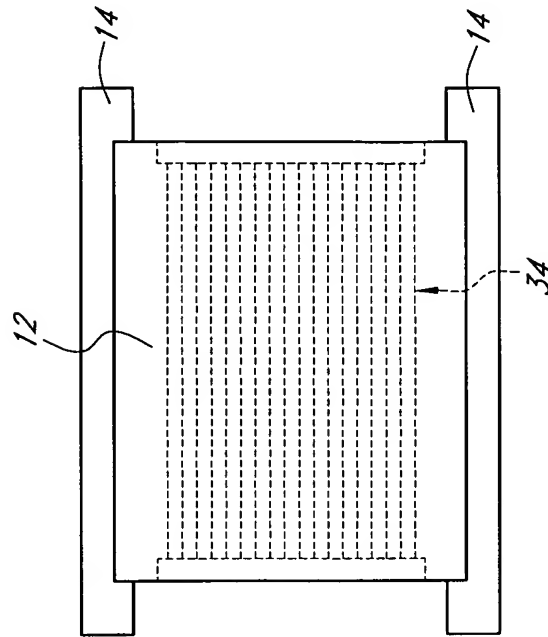


FIG. 5

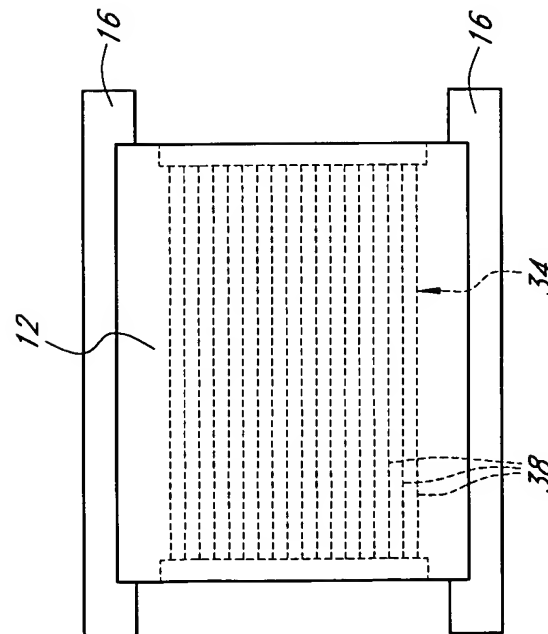


FIG. 4



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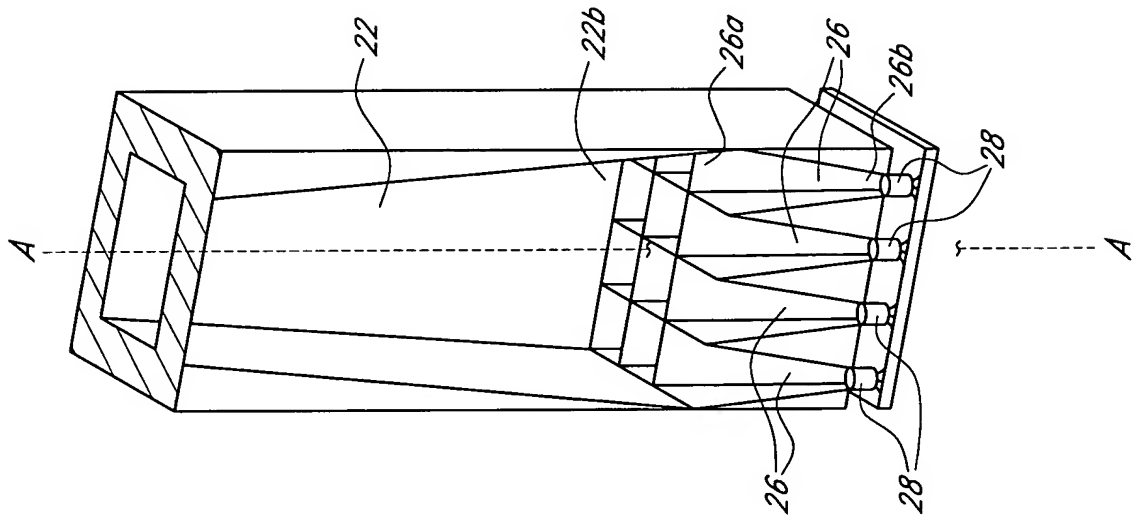


FIG. 6A

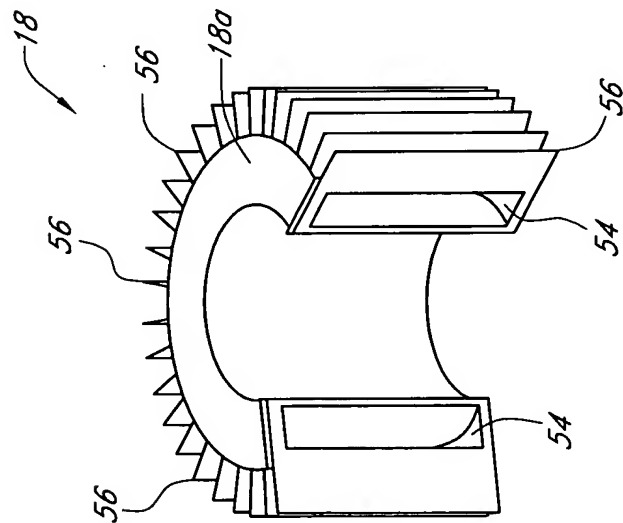
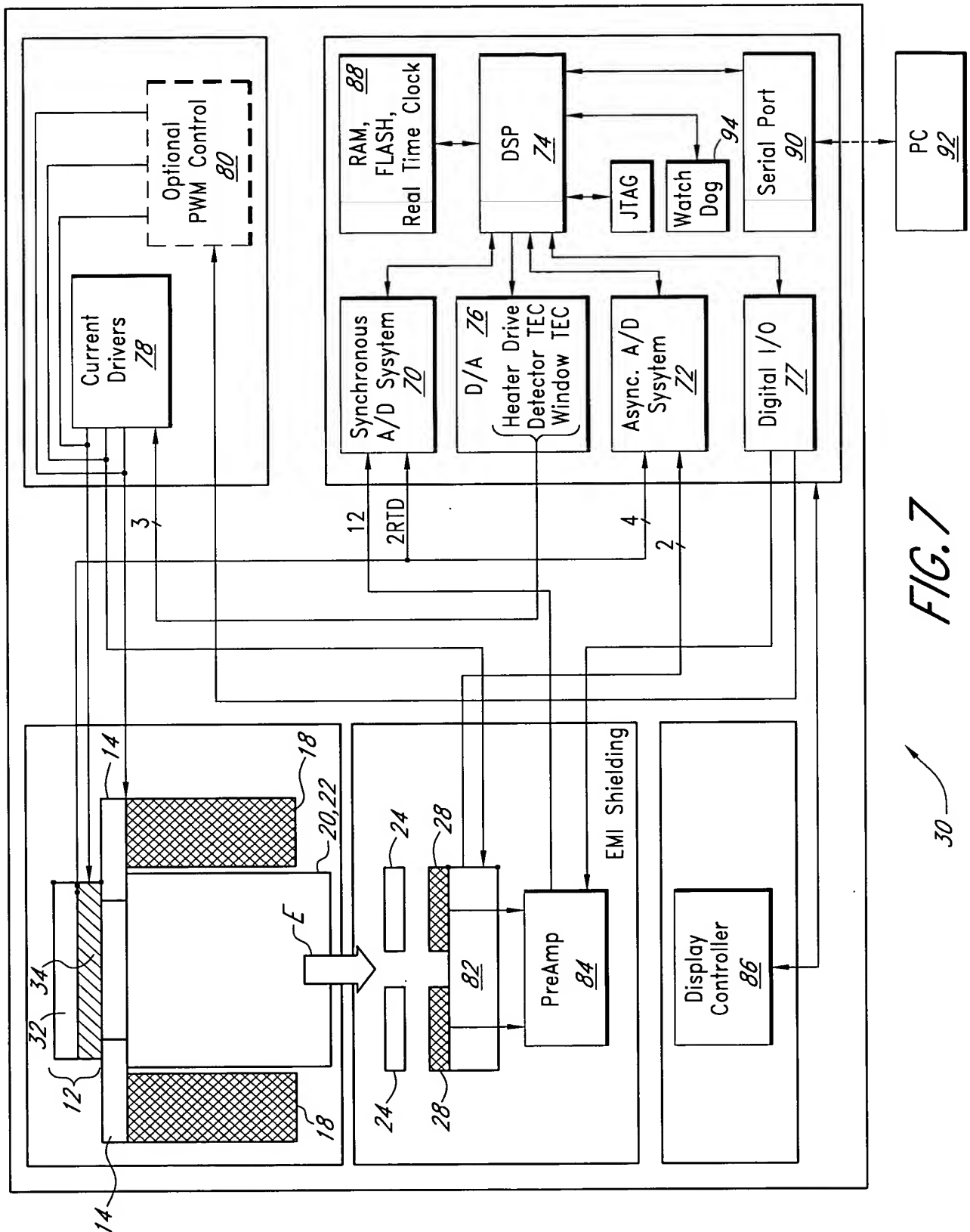
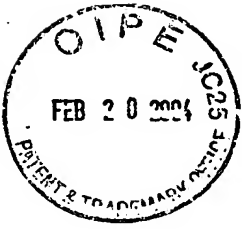


FIG. 6

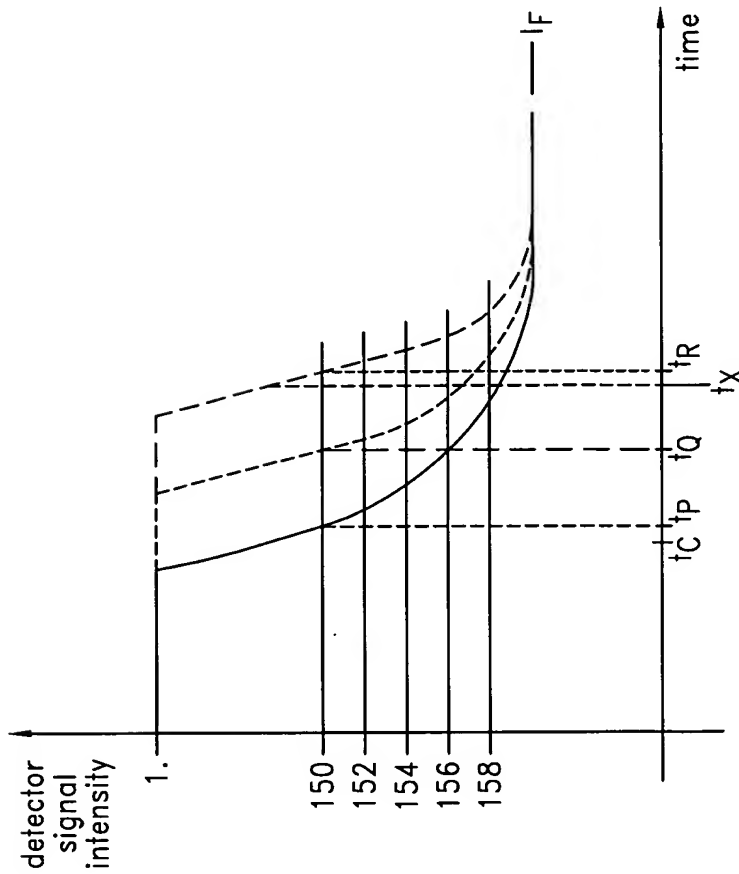




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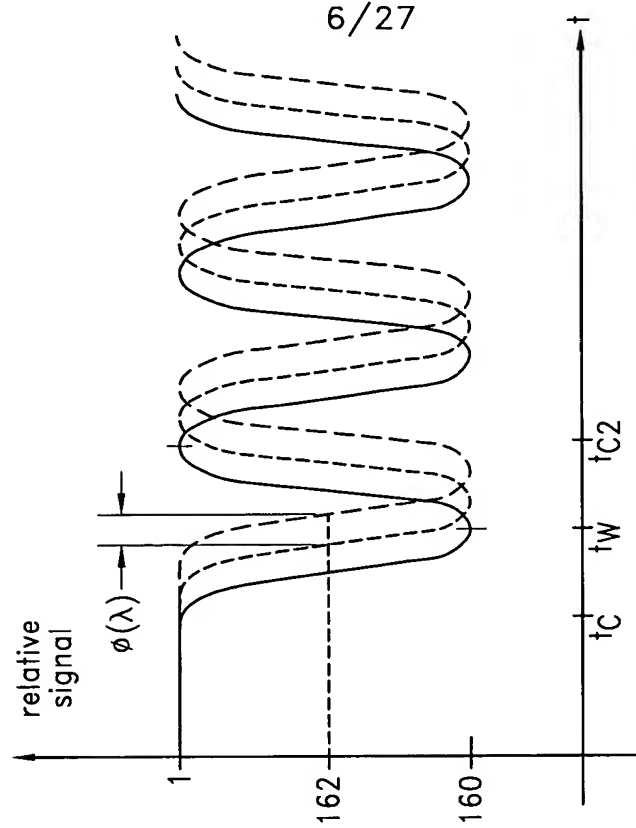
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- P — surface tissue reference λ signal
- Q — analytical signal
- R — deep tissue reference λ signal

FIG. 8



- J — surface tissue reference signal
- K — analytical signal
- L — deep tissue reference signal

FIG. 9



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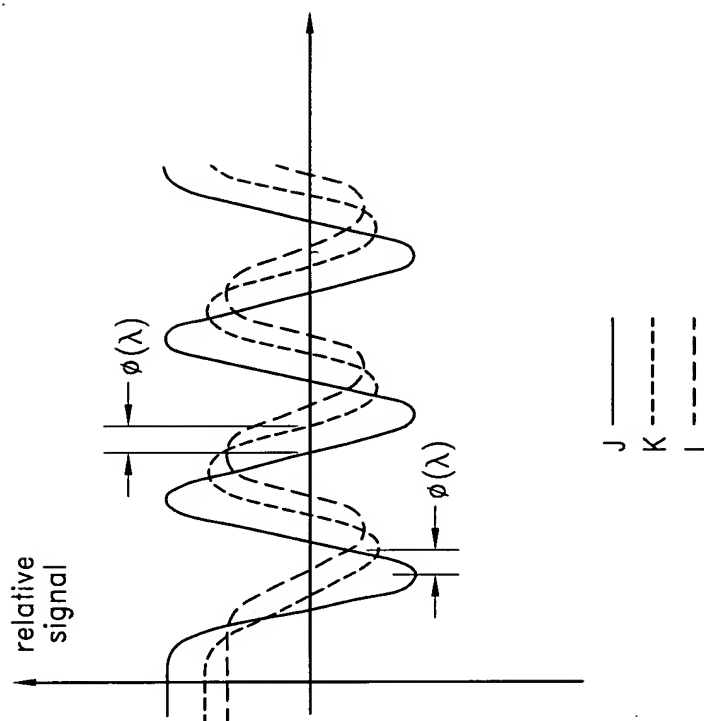
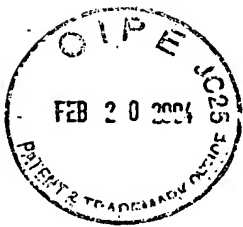


FIG. 10



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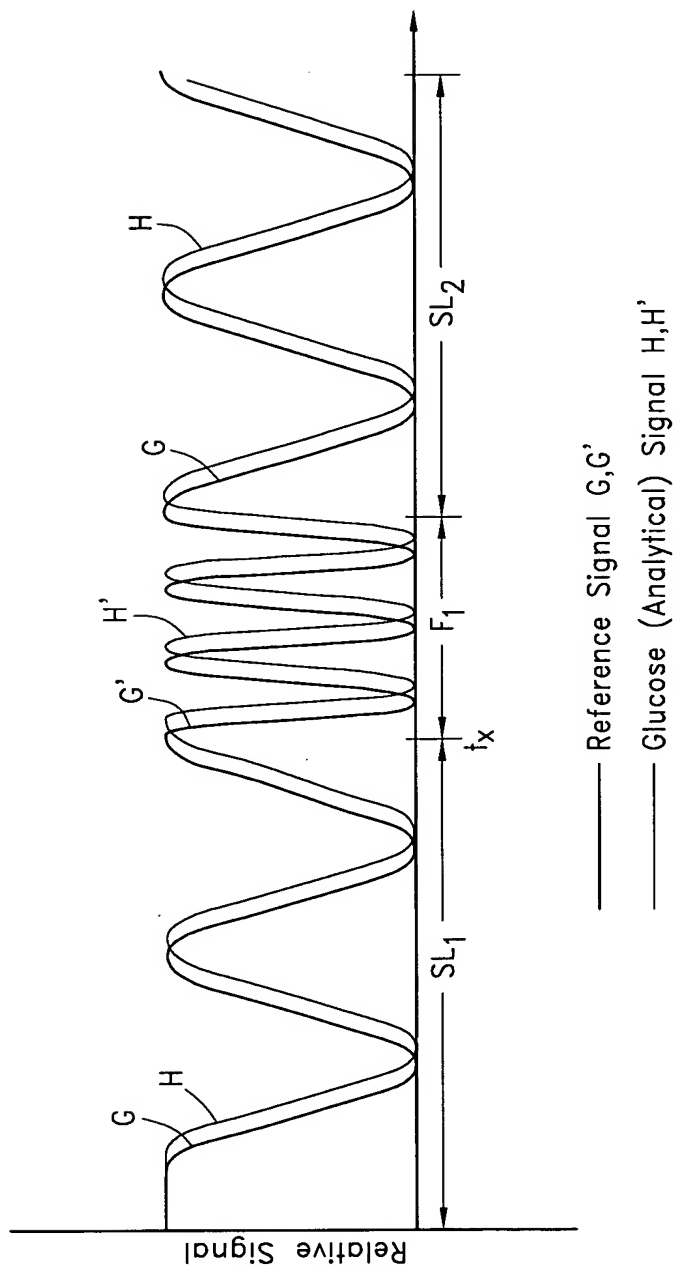
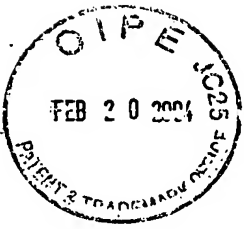


FIG. 11



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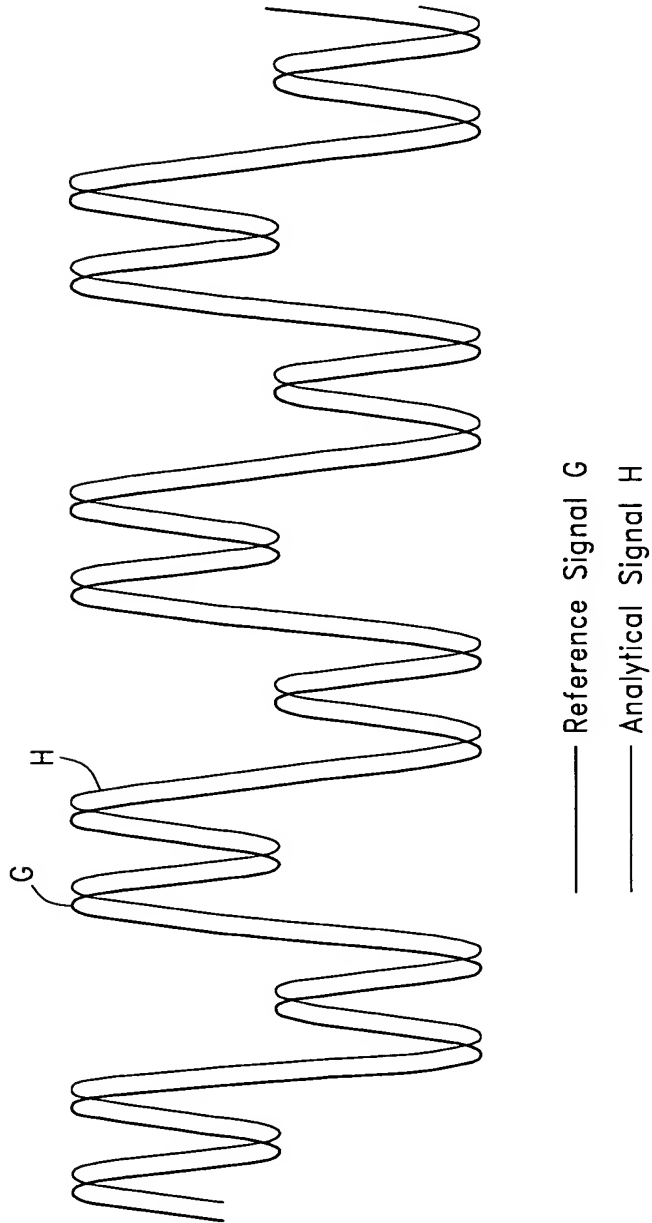


FIG. 12



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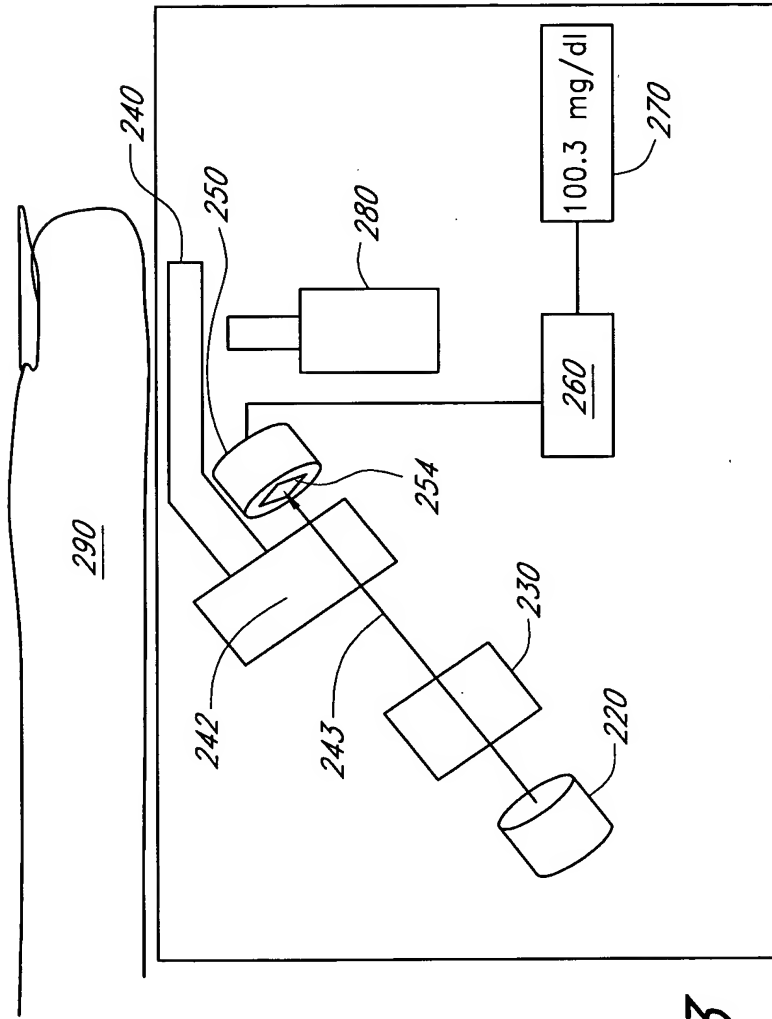


FIG. 13

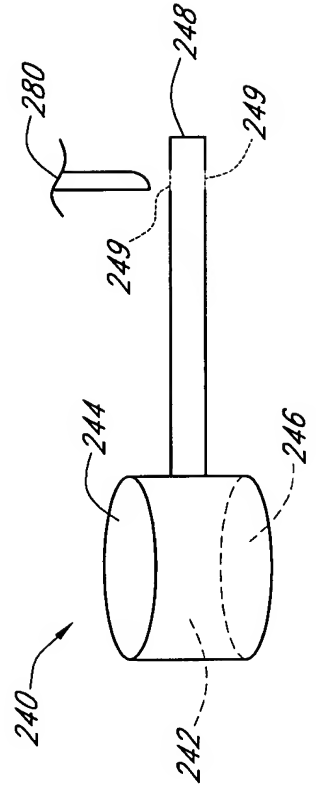


FIG. 14



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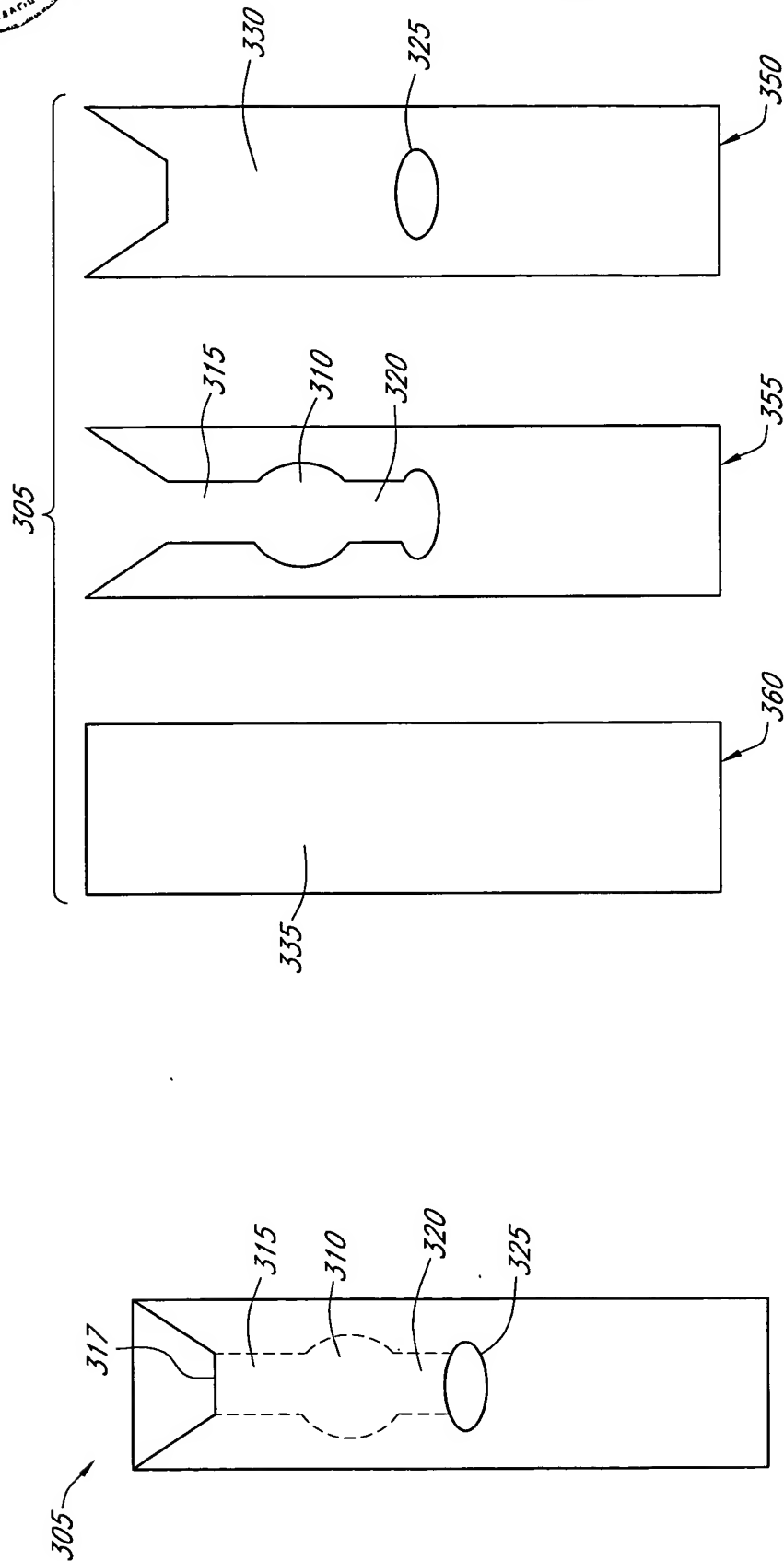


FIG. 16

FIG. 15

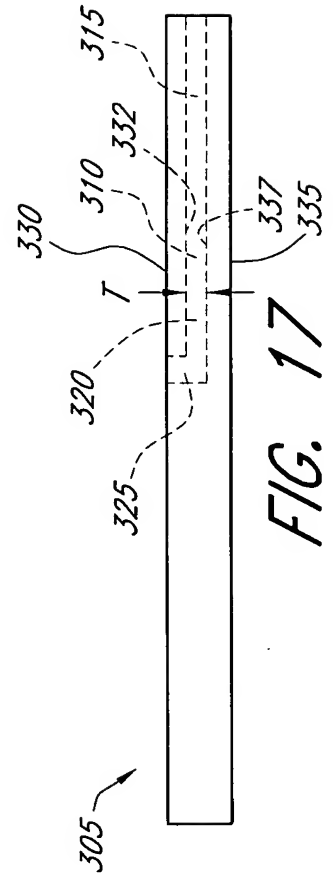


FIG. 17



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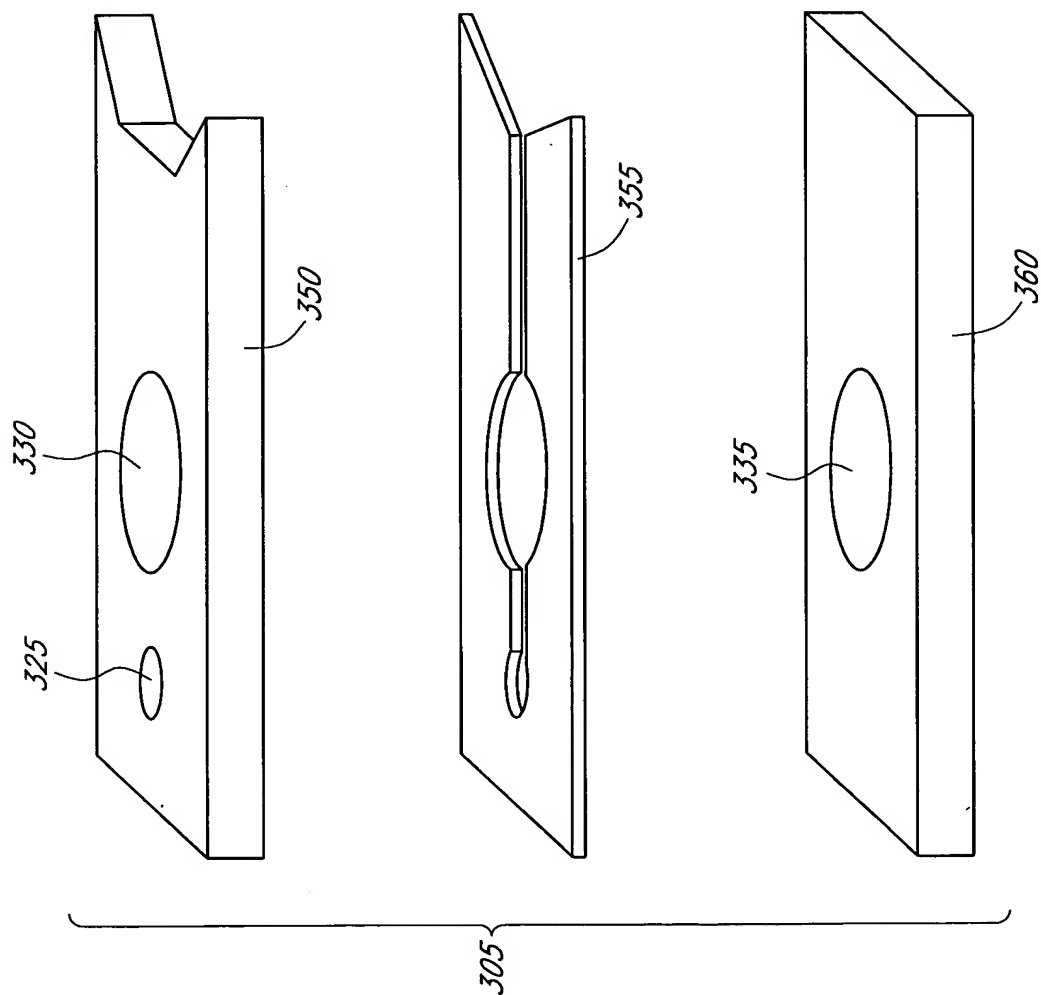


FIG. 16A

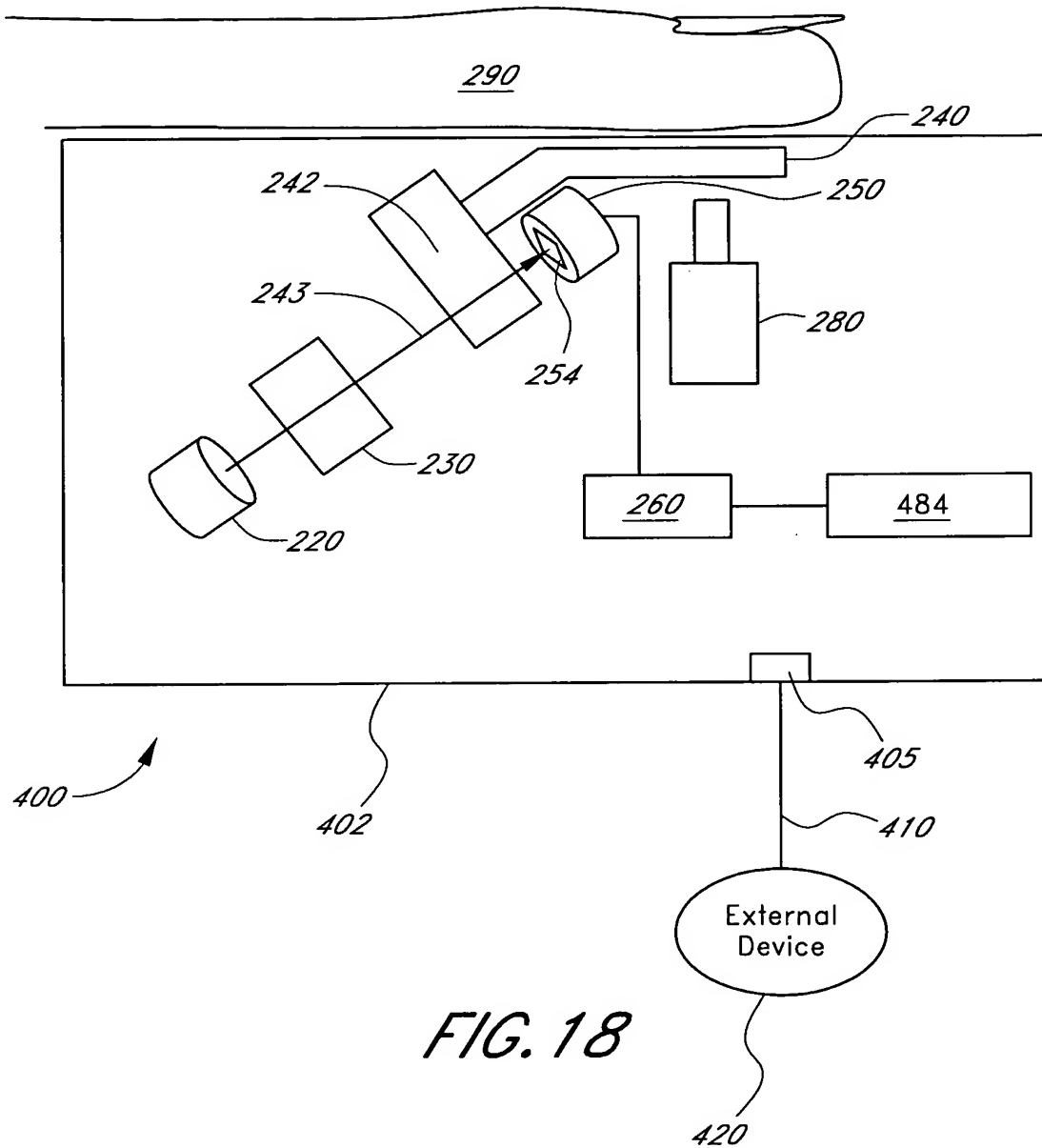


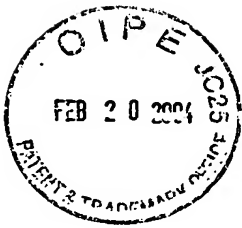
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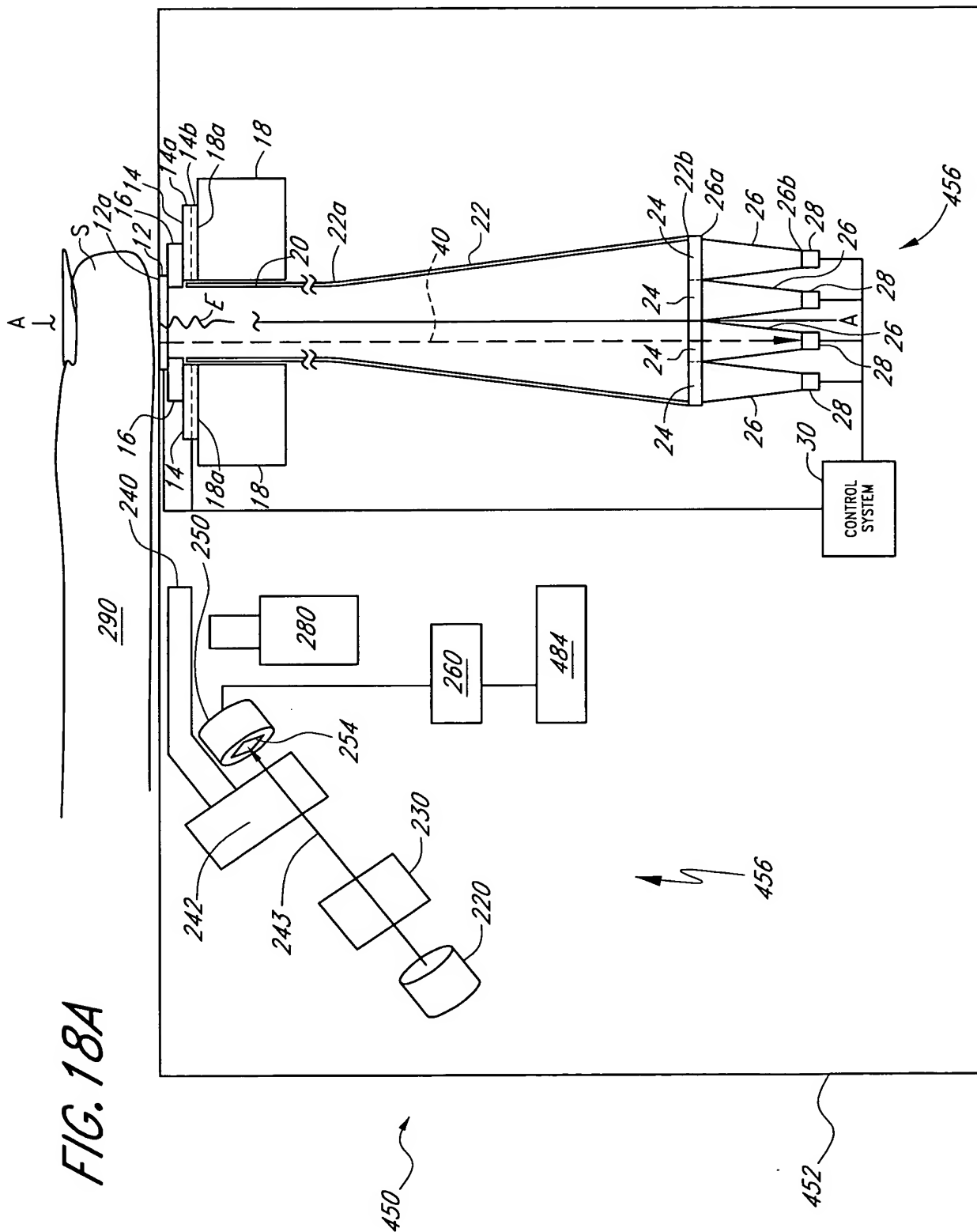


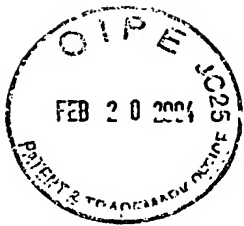
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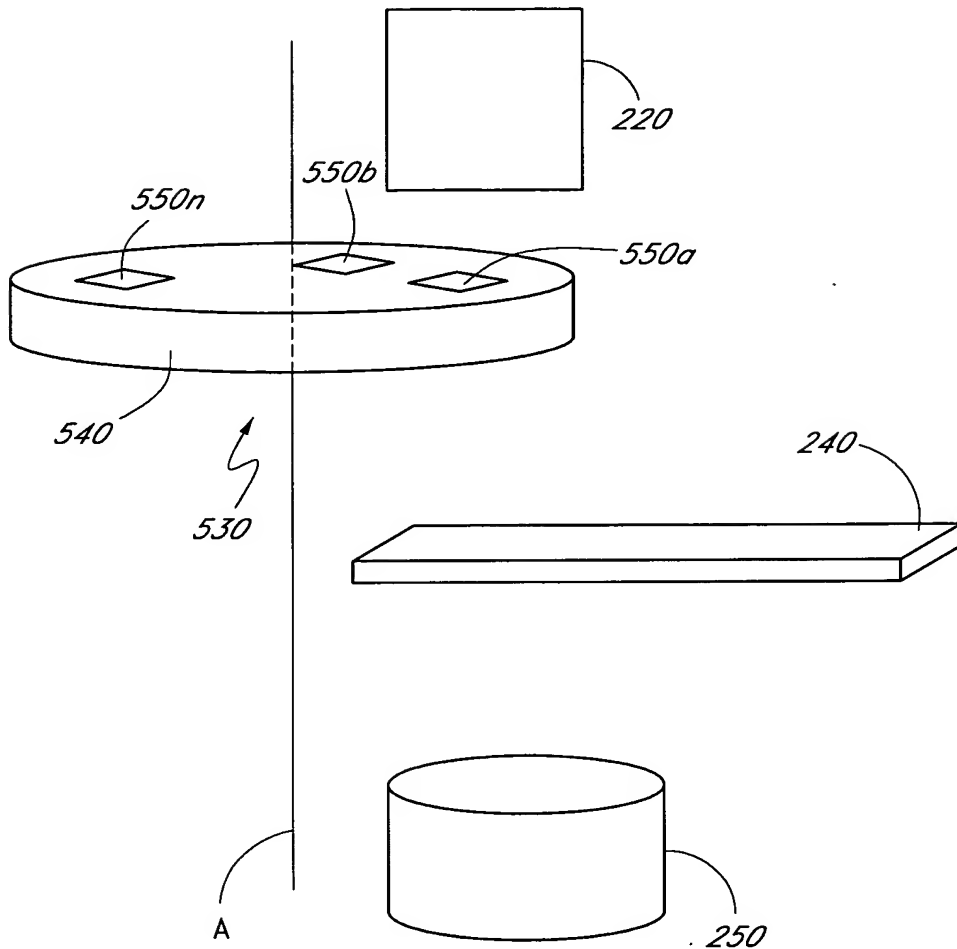


FIG. 19



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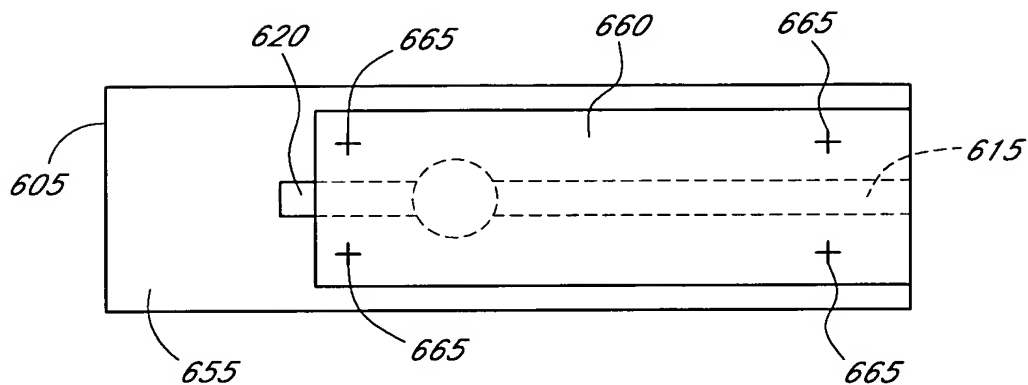


FIG. 20A

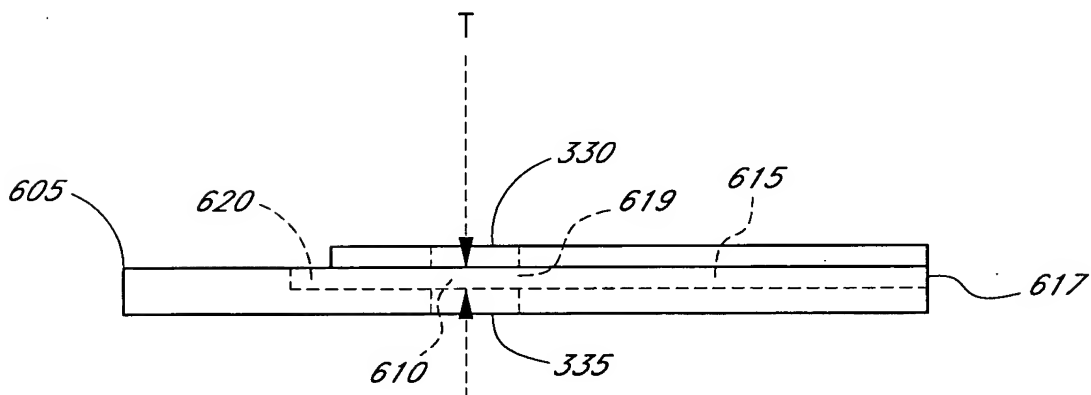


FIG. 20B

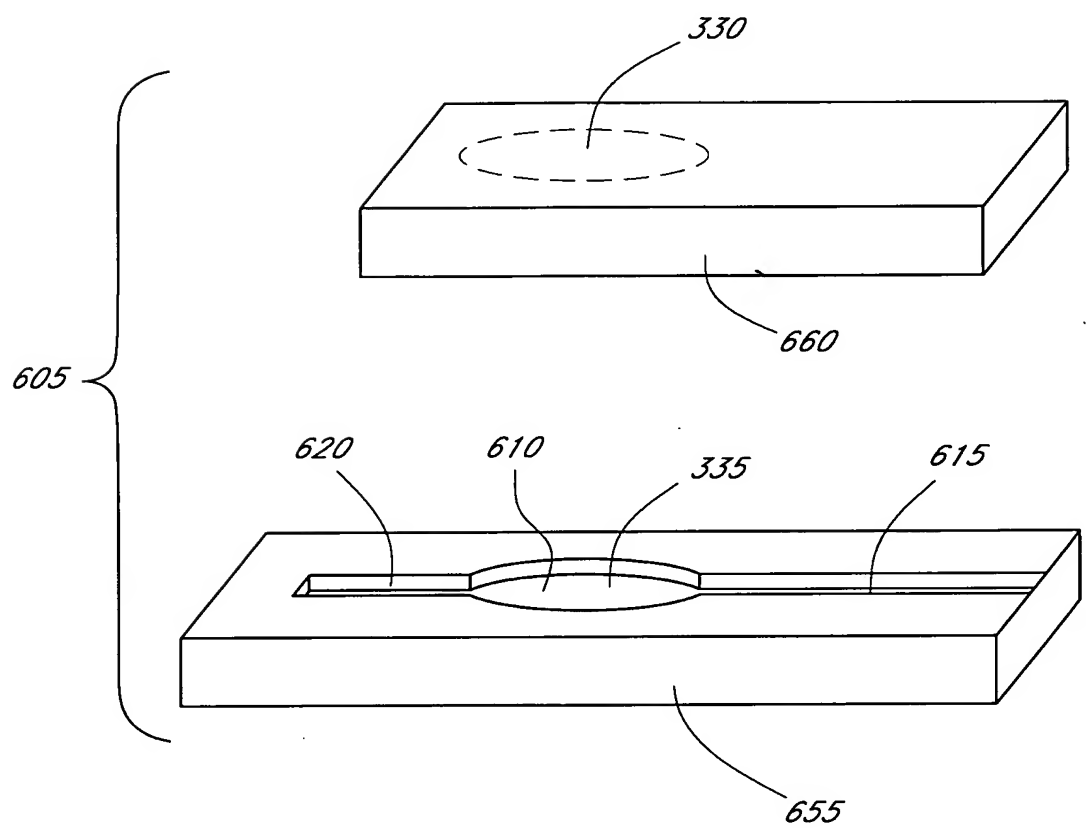
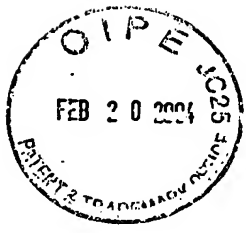


FIG. 20C

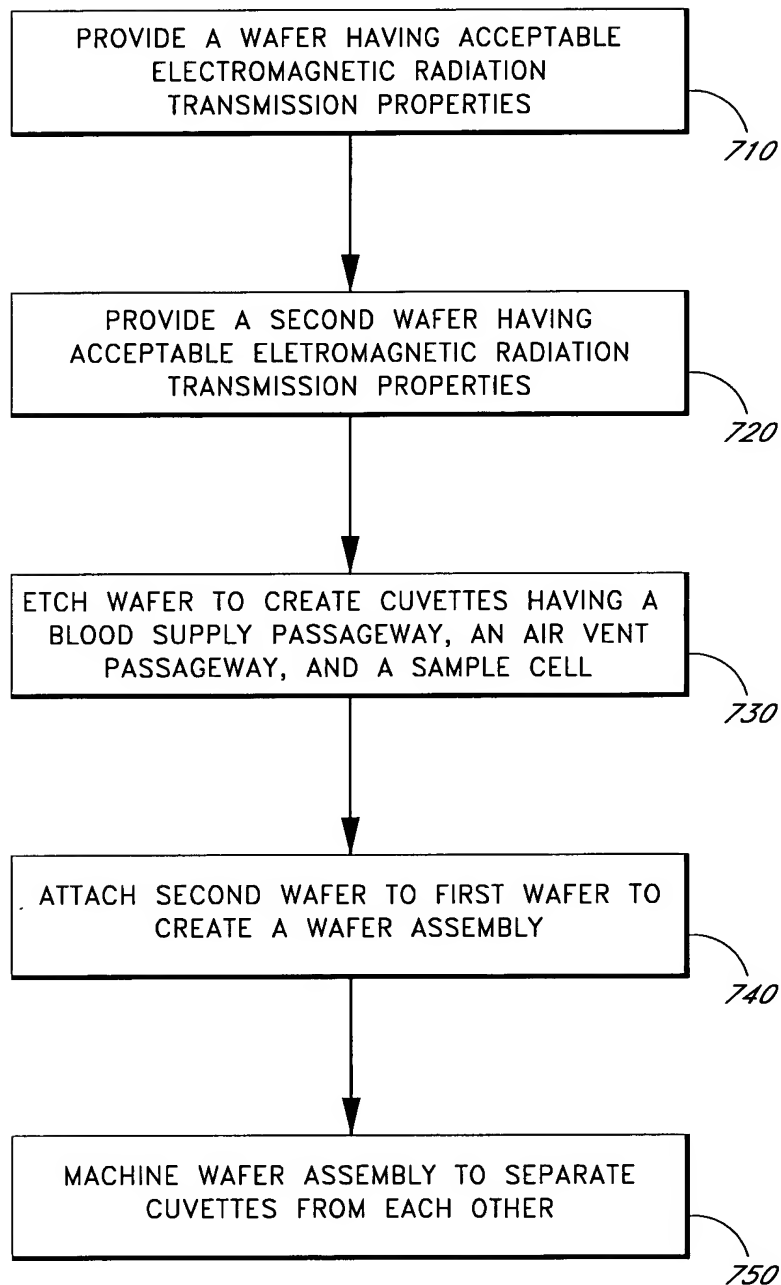
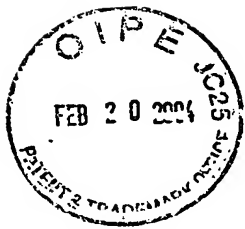


FIG. 21



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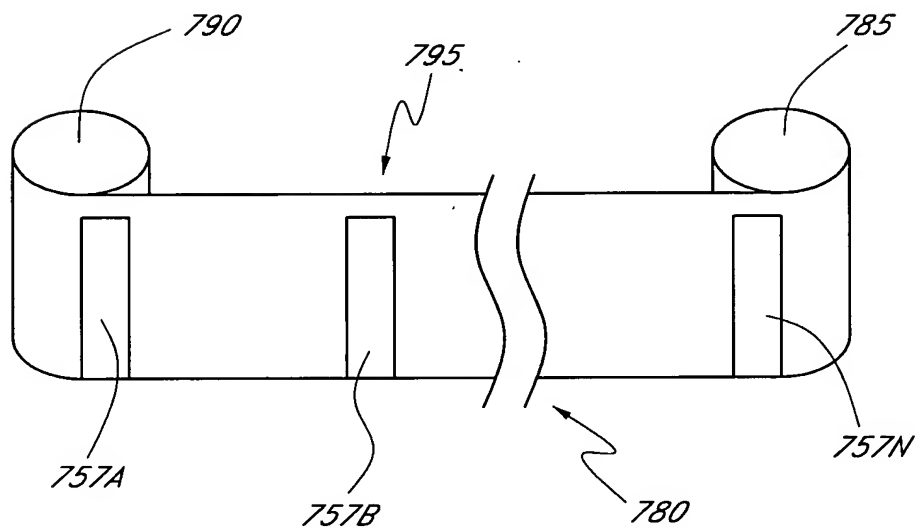


FIG. 22

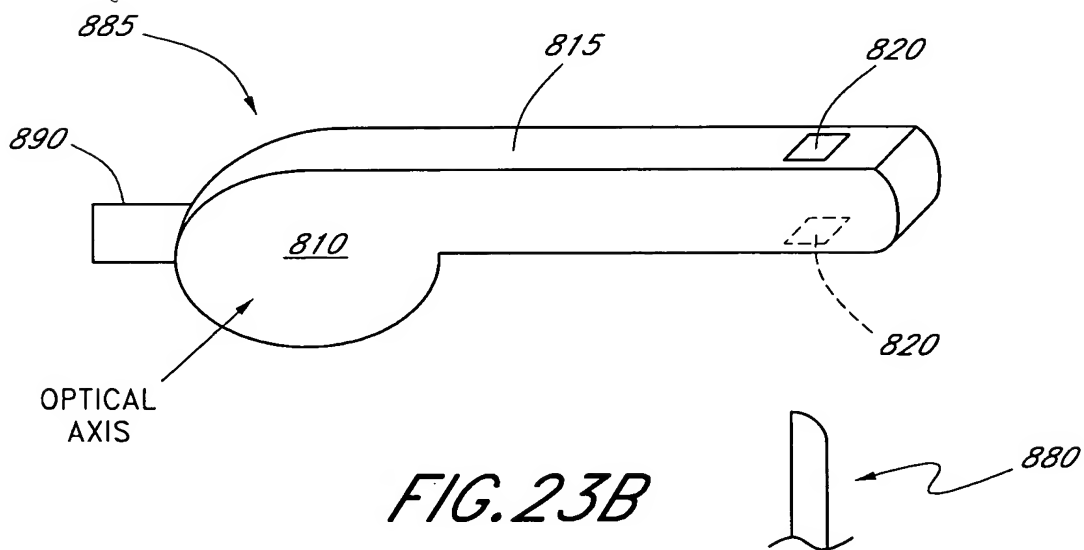
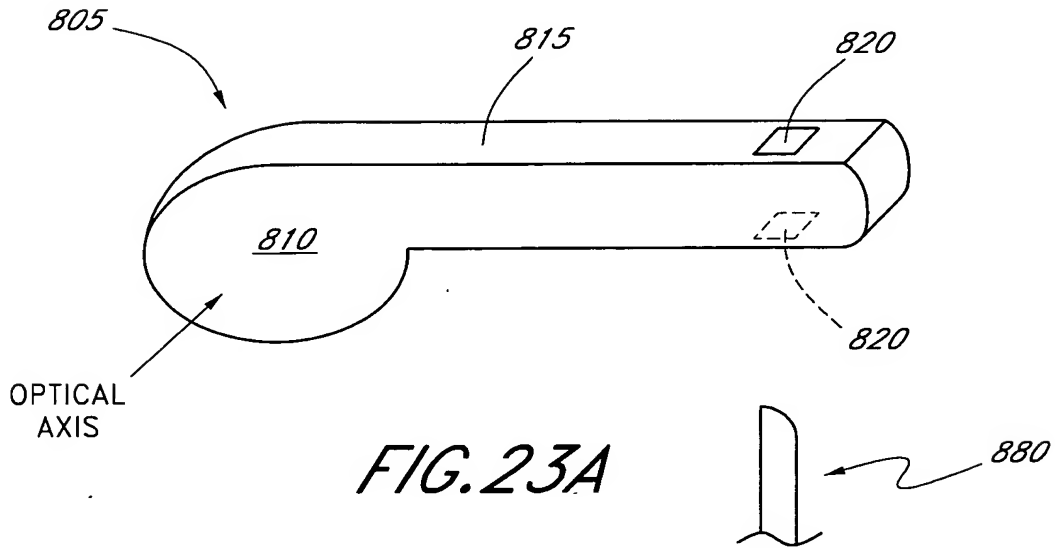


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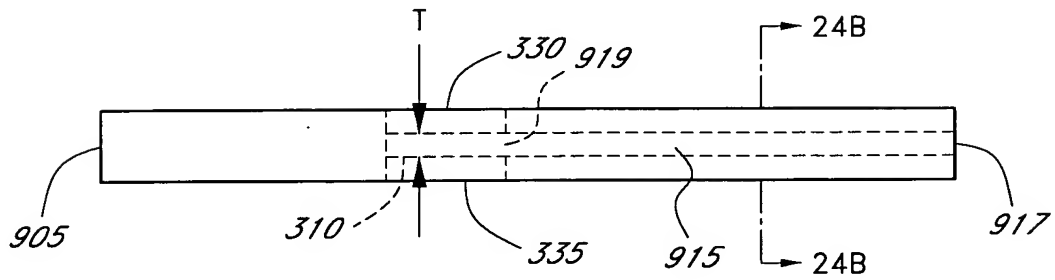


FIG. 24A

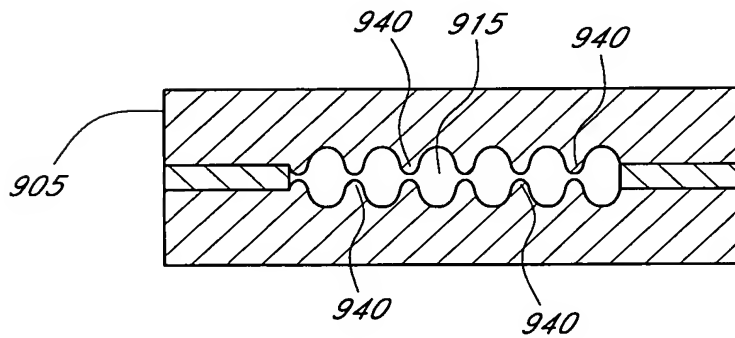
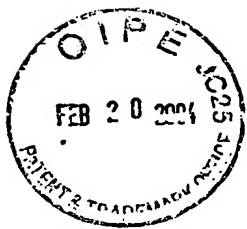


FIG. 24B



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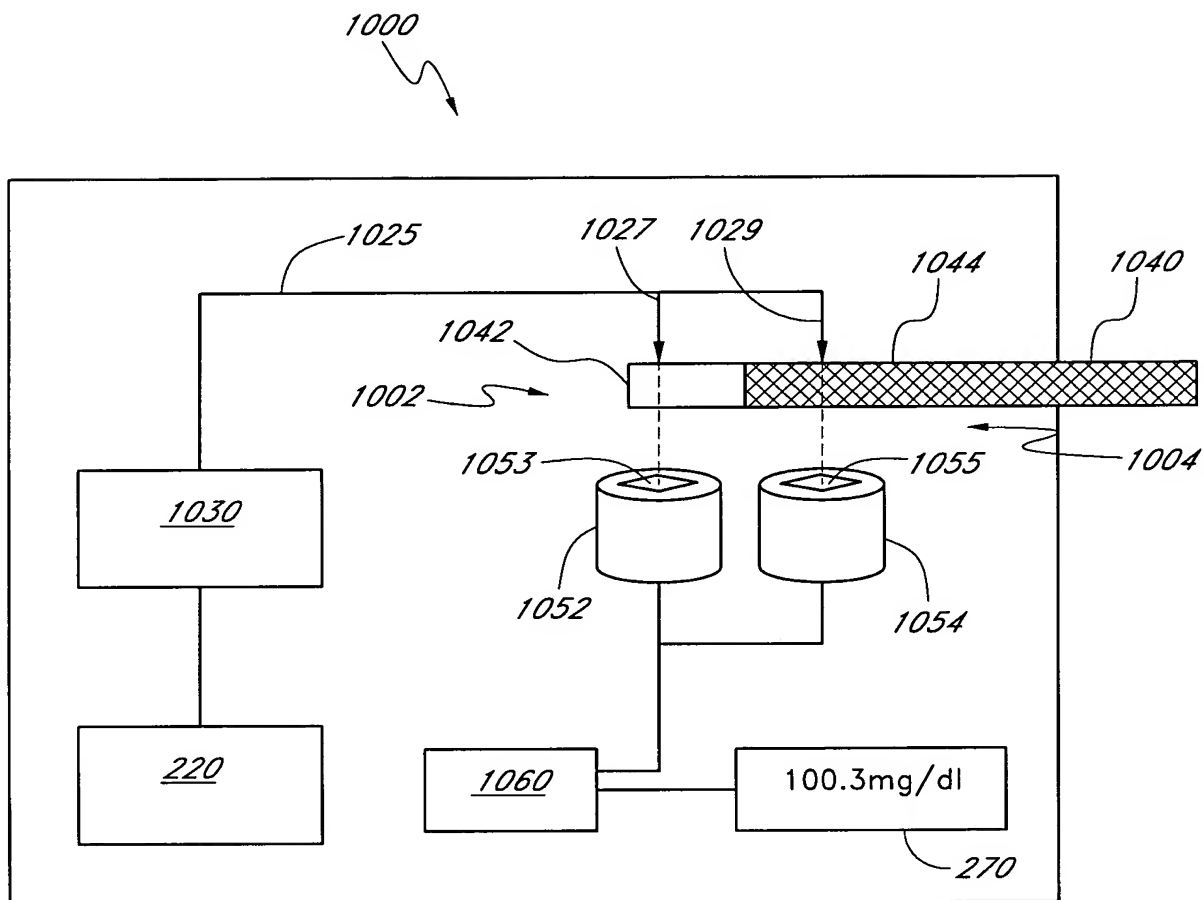
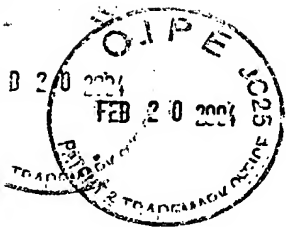


FIG.25.



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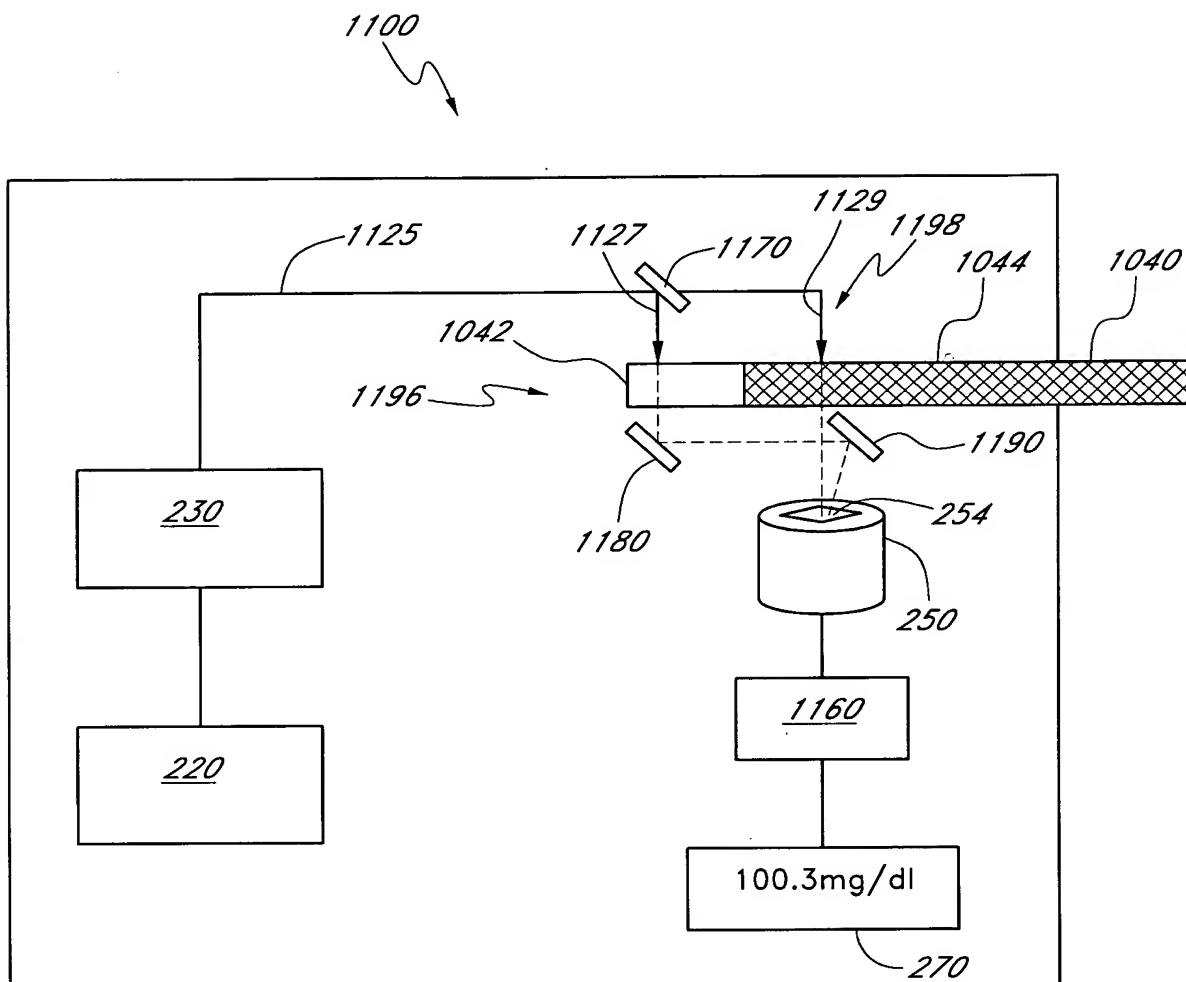
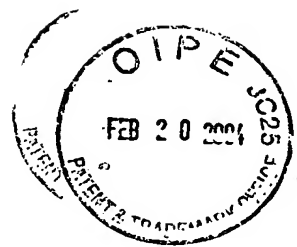


FIG.26



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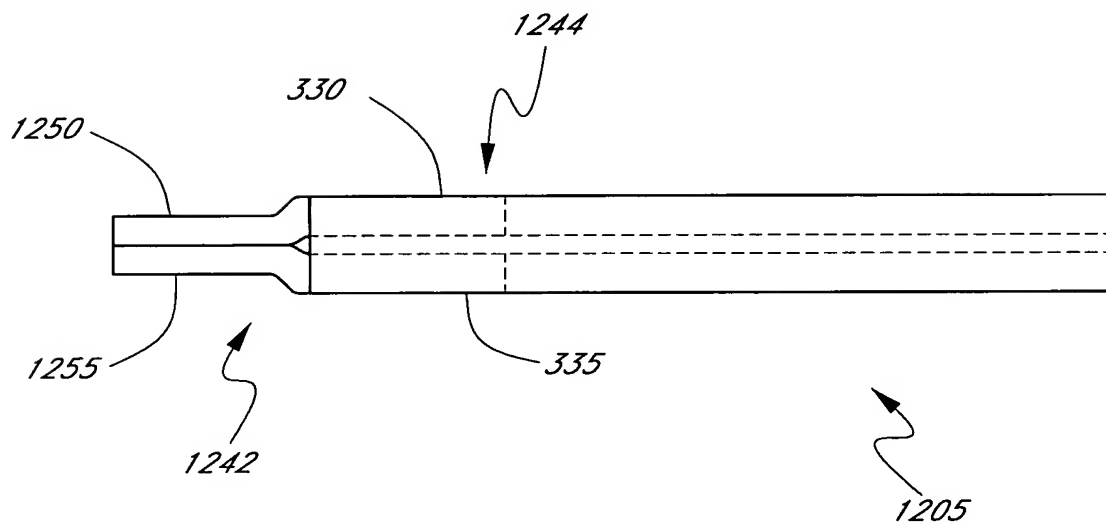


FIG. 27



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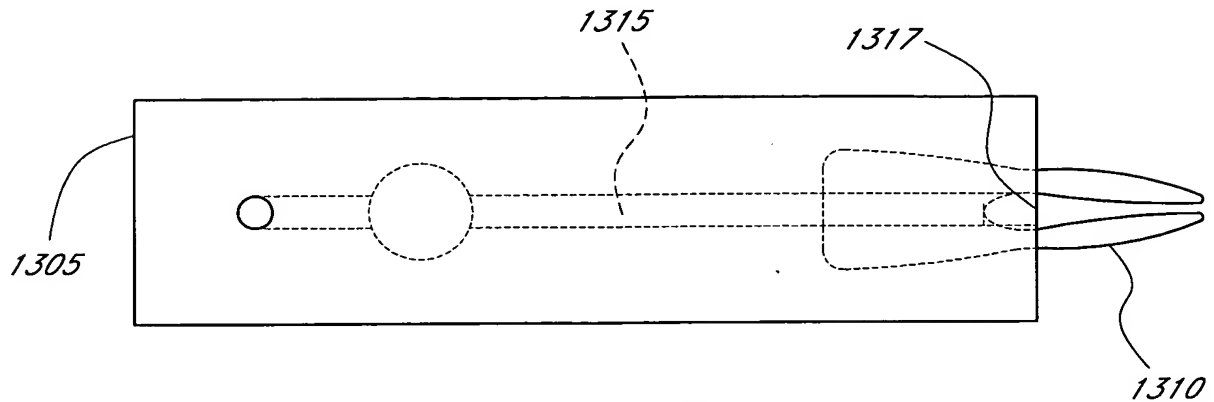


FIG. 28

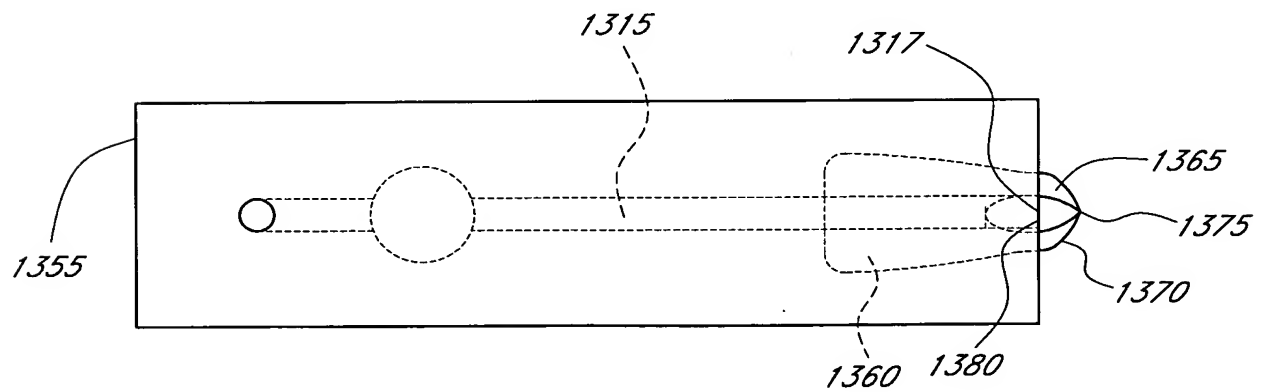


FIG. 28A



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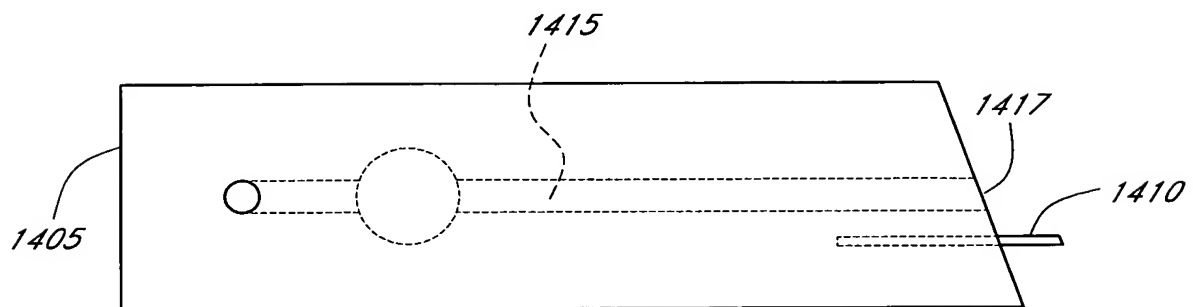


FIG. 29



REAGENT-LESS WHOLE-BLOOD GLUCOSE METER

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Error Vs. Measurement Time

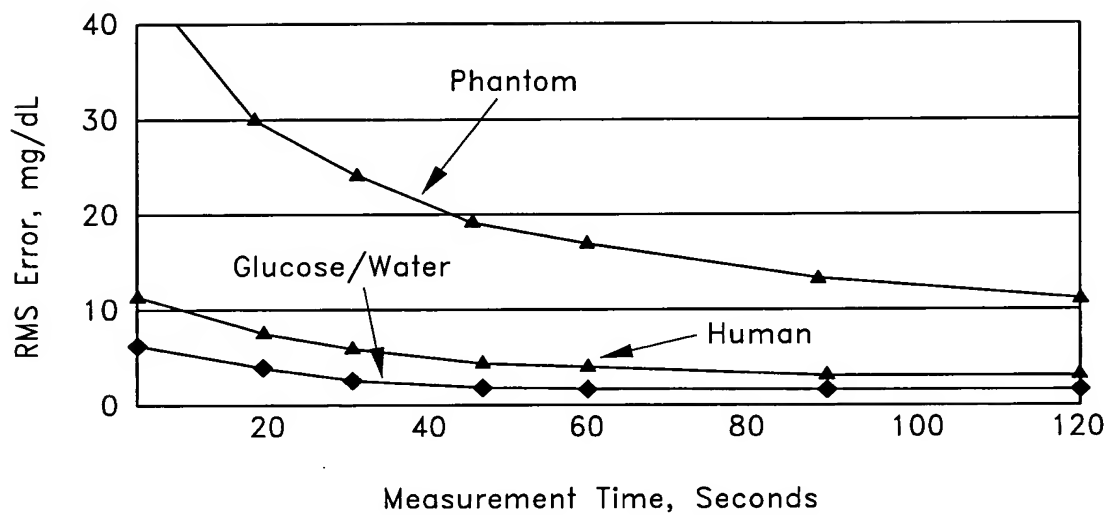


FIG.30